		OIP 6			Sheet 1 of 1
FORM	PTO-1	449	U.S. Dept. of Commerce	Atty Docket No.	Serial No.
		R AUG 0 5 2005	Patent and Trademark Office	P1064R1C1	10/727,737
Patent and Trademark Office Applicant Jardieu et al.					
		eral sheets if necessary		Filing Date	Group
(0				03 Dec 2003	
			SURES (Including Author, Title, Date,		
PT	1	Liu et al., "Fine Mapping of the A Inhibiting RNA Polymerase II from (1999)	Drosophila melanogaster Journ	nal of Molecular Reco	ognition 12:103-111
PT	2	Pons et al., "Energetic Analysis of Double Mutant Cycles on the HyHEL	of an Antigen/Antibody Interfaction Protection Protection	ce: Alanine Scanning ein Science 8:958-96	Mutagenesis and 3 (1999)
				,	
			•		
			·		
•					
•		·			
				···········	
_					
				 	

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

/Parithosh Tungaturthi/ (05/17/2006)

Examiner

Date Considered

FORM PTO-1449				U.S. Dept. of Commerce	Atty Docket No. Serial No.			
				Patent and Trademark Office	P1064R1C1			
LIST	OF DI	SCLOSURES CITED R	V APPLICANT		Applicant Jardieu et al.			
LIST OF DISCLOSURES CITED BY APPLICANT					Filing Date	Grou	ın.	
((lse sev	eral sheets if necessary)		03 Dec 2003	Gio	ıμ	
				U.S. PATENT DOCUMENTS		-		
Examiner								_
Initials		Document Number	Date	Name	Class	Subclass	Filing	Date
PT	* 1	4,816,567	28.03.89	Cabilly et al.		ŀ		
PT	* 2	5,994,511	30.11.99	Lowman et al				
PΤ	• 3	6,210,671	03.04.01	Со, М.				
				FOREIGN PATENT DOCUMENTS	3			
Examiner							Transla	ation
Initials		Document Number	Date	Country	Class	Subclass	Yes	No
PT	* 4	364,690	25.04.90	EPO				
	* 5	699,755	06.03.96	EPO				
	* 6	EP 440,351	07.08.91	ЕРО				
	* 7	WO 91/09967	11.07.91	PCT				
	* 8	WO 91/16927	14.11.91	PCT				
i i	* 9	WO 93/01296	21.01.93	PCT	ļ			
	*10	WO 95/23813	08.09.95	PCT				
	*11	WO 96/32478	17.10.96	PCT				
	*12	WO 96/36359	21.11.96	PCT				
	*13	WO 97/31024	28.08.97	PCT				
				OSURES (Including Author, Title, Date,		•		
PT		Barry, J., "Immun (1992)	osuppressive d	rugs in renal transplantation. A	review of the r	egimens" [rugs 44:	554-566
".	*14							
	*15	Carter et al., "E Genet. 6:240-248		tilisin BPN' for Site-Specific P	roteolysis" <u>Prot</u>	eins: Stru	ct. Func	t
		Cartor of all IV	umanimation of	on Anti-p195HERZ Antibody For W	uman Cangor Mhor	any" Bros	No+1 A	
	*16		Carter et al., "Humanization of an Anti-p185 ^{HER2} Antibody For Human Cancer Therapy" <u>Proc. Natl. Acad.</u> Sci. USA 89:4285-4289 (May 1992)					
		Cavazzana-Calvo e	t al., "Preven	tion of bone marrow and cardiac	graft rejection	in an H-2	haplotyp	e
	*17	disparate mouse c	ombination by	an anti-LFA-1 antibody" Transpla	ntation 59:1576-	1582 (1995	•)	
 				bodies that block the activity o				
	*18	recognize three d 270:1388-1394 (19	recognize three discrete epitopes in the inserted domain of CD11a. Journal of Biological Chemistry					
		Chothia, C. et al		ons of immunoglobulin hypervaria	ble regions" Nat	ure 342(62	52):877-	883
	*19	(1989)						
		_	_	olution Epitope Mapping of hGH-R	eceptor Interact	ions by Al	anine-Sc	anning
	*20	Mutagenesis Scie						
	*21		-	d Antibody Epitopes in Human Gro cience 243:1330-1336 (1989)	wth Hormone Iden	tified by		
		Dantal et al., "U	se of Monoclon	al Antibodies in Human Transplan	tation* Current	Opinion in	Immunol	oav
	*22	Dantal et al., "Use of Monoclonal Antibodies in Human Transplantation" <u>Current Opinion in Immunology</u> 3:740-747 (1991)						
T	*23	de Fougerolles et al., "Characterization of ICAM-2 and evidence for a third counter-receptor for LFA-1" Journal of Experimental Medicine 174:253-267 (1991)						
Examine	er	/p!!! ! =		· D	ate Considered		- · · · · · · · · · · · · · · · · · · ·	
•F				(05/17/2006)	000 4			
if not	in con	illial if reference considerations and and not considerations.	erea, wnetner or r idered. Include co	not citation is in conformance with MPEP opy of this form with next communication	to applicant.	gn citation		

1

FORM PTO-1449 U.S. Dept. of Commerce			Atty Docket No.	Serial No.		
Patent and Trademark Office			P1064R1C1			
			Applicant	<u></u>		
		SCLOSURES CITED BY APPLICANT	Jardieu et al.			
(Jse se	veral sheets if necessary)	Filing Date 03 Dec 2003	Group		
		OTHER DISCLOSURES (Including Author, Title, Date,				
PT	*24	de Fougerolles et al., "Characterization of the function of inte comparison with ICAM-1 and ICAM-2 in immune responses" <u>Journal</u> ((1994)	ercellular adhesion m of Experimental Medic	olecule (ICAM)-3 and ine 179:619-629		
	*25	Dougherty et al., "The role of monocyte lymphocyte function-associated antigen 1 (LFA-1) in accessory cell function" European Journal of Immunology 17:943-947 (1987)				
	*26	Dustin et al., "Induction By IL 1 and Interferon-y: Tissue Distribution, Biochemistry, and Function of a Natural Adherence Molecule (ICAM-1)" The Journal of Immunology 137(1):245-254 (July 1, 1986)				
	*27	Eaton et al., "Construction and characterization of an active for one-third of the molecule" <u>Biochemistry</u> 25:8343-8347 (1986)				
	*28	Edwards et al., "Identification of Amino Acids in the CD11a Y-do Leukocyte Function-associated Antigen-1 (LFA-1) to Intercellular of Biological Chemistry 270(21):12635-12640 (May 26, 1995)	Adhesion Molecule-1	(ICAM-1) " Journal		
	*29	Eigenbrot et al., "X-Ray Structures of Fragments From Binding an Anti-CD18 Antibody: Structural Indications of the Key Role of Vi Function, and Genetics 18:49-62 (1994)	Residues 59 to 65°	Proteins: Structure,		
	*30	Eigenbrot et al., "X-Ray Structures of the Antigen-Binding Doma: Anti-p185HER2 Antibody 4D5 and Comparison With Molecular Modelin	ng" <u>J. Mol. Biol.</u> 229	:969-995 (1993)		
	*31	Ellison et al., "The nucleotide sequence of a human immunoglobulin C _{γ1} gene" <u>Nucleic Acids Research</u> 10(13):4071-4079 (1982)				
	*32	Fischer et al., "Reduction of Graft Failure by a Monoclonal Antibody (Anti-LFA-1 CD11a) After HLA Nonidentical Bone Marrow Transplantation in Children with Immunodeficiencies, Osteopetrosis, and Fanconi's Anemia Blood 77(2):249-256 (January 15, 1991)				
	*33	Fischer et al., "Role of the LFA-1 Molecule in Cellular Interactions Required For Antibody Production in Humans" The Journal of Immunology 136(9):3198-3203 (May 1, 1986)				
	*34	Gorman et al., "High efficiency DNA-mediated transformation of p	orimate cells" <u>Scienc</u>	e 221:551-553 (1983)		
	*35	Gorman et al., "Transient Production of Proteins Using an Adenov <u>Eng. Tech.</u> 2(1):3-10 (1990)		 		
	*36	Graham et al., "Characteristics of a Human Cell Line Transformed Gen. Virol. 36:59-72 (1977)				
	*37	Hawkins et al., *Selection of Phage Antibodies by Binding Affine Mol. Biol. 226:889-896 (1992)		-		
	*38	He et al., "Effect of LFA-1 and TCAM-1 antibody treatment on murine corneal allograft survival" <u>Invest.</u> Opthalmol. Vis. Sci. 35:3218-3225 (1994)				
	*39	Hildreth et al., "A Human Lymphocyte-associated Antigen Involved in Cell-mediated Lympholysis" <u>European</u> <u>Journal of Immunology</u> 13:202-208 (1983)				
	*40	Hildreth et al., "The human lymphocyte function-associated (HLFA) antigen and a related macrophage differentiation antigen (HMac-1): functional effects of subunit-specific monoclonal antibodies J. Immunol. 134:3272-3280 (1985)				
	*41	Hourmant et al., "Administration of an Anti-CD11a Monoclonal Antibody in Recipients of Kidney Transplantation" Transplantation 58(3):377-380 (August 1994)				
	*42	Jones et al., "Replacing the Complementarity-Determining Regions Mouse." Nature, 321:522-525 (May 29, 1986)	_			
	*43	Kabat et al. <u>Sequences of Proteins of Immunological Interest</u> , U. NIH, 5th edition Vol. 1:103-108, 324-331 (1991)	S. Dept. of Health a	nd Human Services,		
Examin	er	/Parithosh Tungaturthi/ (05/17/2006)	te Considered			
*Exami	ner: In in con	itial if reference considered, whether or not citation is in conformance with MPEP of formance and not considered. Include copy of this form with next communication to	609; draw line through cital o applicant.	ion		

FORM PTO-1449 U.S. Dept. of Commerce			Atty Docket No.	Serial No.		
		Patent and Trademark Office	P1064R1C1			
			Applicant			
LIST	OF DI	SCLOSURES CITED BY APPLICANT	Jardieu et al.			
((Jse sev	veral sheets if necessary)	Filing Date 03 Dec 2003	Group		
		OTHER DISCLOSURES (Including Author, Title, Date,	Pertinent Pages, etc.)	·		
	T	Kelley et al., Characterization of Humanized Anti-p185HEKZ Ant				
PT *44 Escherichia coli* Protein Folding In Vivo and In Vitro, Jeffrey L. Clela Chemical Society pps. 218-239 (1993) Krensky et al., "The Functional Significance, Distibution, and Structure				•		
	45	Cell Surface Antigens Associated with CTL-Target Interactions The Journal of Immunology 131(2):611-616 (August 1983)				
	*46	Kunkel, T., "Rapid and Efficient Site-Specific Mutagenesis Without Phenotypic Selection" Proc. Natl. Acad. Sci. 82:488-492 (1985)				
	*47	Kuypers and Roos, "Leukocyte Membrane Adhesion Proteins LFA-1, and Regulatory Aspects" Res. Immunol, 140:461-486 (1989)				
	*48	Larson et al., "Structure and Function of Leukocyte Integrins"	Immunological Reviews	114:181-217 (1990)		
	*49	Lo et al., "Two Leukocyte Receptors (CD11a/CD18 and CD11b/CD18) Endothelium by Binding to Different Ligands" The Journal of Imm 1989)				
	*50	Lowman et al., "Selecting High-Affinity Binding Proteins by Mon 30(45):10832-10838 (1991)	novalent Phage Display	* Biochemistry		
	*51	McCabe et al., "sICAM-1 Enhances Cytokine Production Stimulated by Alloantigen" Cellular Immunology 150:364-375 (1993)				
	*52	McClure, H., "Nonhuman Primate Models for Human Disease" Advances in Veterinary Science and Comparative Medicine 28:267-304 (1984)				
	* 53	Nakakura et al., "Potent and Effective Prolongation by Anti-LFA-1 Monoclonal Antibody Monotherapy of Non-Primarily Vascularized Heart Allograft Survival in Mice Without T Cell Depletion" Transplantation 55(2):412-417 (February 1993)				
	*54	Nishihara et al., "Potent immunosuppressive effect of anti-LFA-1 monoclonal antibody on islet allograft rejection" Transplantation Proc. 27:372 (1995)				
	*55	Parlevliet et al., "Monoclonal antibodies in renal transplantation: a review" <u>Transplant Intl.</u> 5:234-246 (1992)				
	*56	Presta et al., "Humanization of an Antibody Directed Against Ig (September 1, 1993)				
	*57	Reimann et al., "Use of human leukocyte-specific monoclonal ant lymphocytes of rhesus monkeys" <u>Cytometry</u> 17:102-108 (1994)	ibodies for clinicall	y immunophenotyping		
	*58	Riechmann et al., "Reshaping Human Antibodies for Therapy" <u>Nature</u> 332:323-327 (Mar 24, 1988)				
	*59	Saban et al., "Humanized Anti-IgE Monoclonal Antibody Mae25 Blocks Passive Sensitization of Rhesus Monkey Bladder In Vitro" <u>FASEB J.</u> (Abstract 3953) 8(5):A682 (March 18, 1994)				
	* 60	Simmons et al., "ICAM, an adhesion ligand of LFA-1, is homologous to the neural cell adhesion molecule NCAM" <u>Nature</u> 331:624-627 (1988)				
	*61	Staunton, D.E., et al., "Primary Structure of ICAM-1 Demonstrates Interaction between Members of the Immunoglobulin and Integrin Supergene Families" <u>Cell</u> 52:925-933 (1988)				
	*62	Stoppa et al., "Anti-LFA1 Monoclonal Antibody (25.3) for Treatment of Steroid-resistant Grade III-IV Acute Graft-versus-host Disease" <u>Transplant International</u> 4:3-7 (1991)				
Talento et al., "A single administration of LFA-1 antibody confers prolonged allograft survival" *63 Transplantation 55:418-422 (1993)						
Examin	er	/Parithosh Tungaturthi/ (05/17/2006)	ate Considered			
		itial if reference considered, whether or not citation is in conformance with MPEP formance and not considered. Include copy of this form with next communication		tion		

Sheet	4	of	4	

			<u> </u>	T
FORM PTO-1449 U.S. Dept. of Commerce			Atty Docket No.	Serial No.
Patent and Trademark Office			Applicant	l
LIST	OF DI	SCLOSURES CITED BY APPLICANT	Jardieu et al. Filing Date	
(U	(Use several sheets if necessary)			Group
		OTHER DISCLOSURES (Including Author, Title, Date,	Pertinent Pages, etc.)	<u></u>
		Tanaka et al., "Prolonged inhibition of an antigen-specific IgE	• • •	monoclonal antibody
PT	•64	against lymphocyte function-associated antigen-1* European Jour	nal of Immunology 25:	1555-1558 (1995)
	* 65	Tramontano et al., "Framework residue 71 is a major determinant second hypervariable region in the $V_{\rm H}$ domains of immunoglobuling 1990)		
	* 66	Van Dijken et al., "Evidence That Anti-LFA-1 in vivo Improves Ed Bone Marrow Transplantation" <u>Transplantation</u> 49(5):882-886 (May		al After Allogeneic
	*67	Verhoeyen et al., "Reshaping Human Antibodies: Grafting an Anti (Mar 25, 1988)	lysozyme Activity" <u>Sc</u>	ience 239:1534-1536
	*68	Werther et al., "Humanization of an Anti-Lymphocyte Function-As: Antibody and Reengineering of the Humanized Antibody for Binding 157:4986-4995 (1996)	sociated Antigen (LFA g to Rhesus LFA-1° <u>J.</u>)-1 Monoclonal of Immunology
		Wognum et al., "Immunochemical Analysis of Monoclonal Antibodies	s to Human Erythropoi	etin" Exp.
l	* 69	Hematology 18:228-233 (1990)		
		•		
			. =	· · · · · · · · · · · · · · · · · · ·
			· · · · · · · · · · · · · · · · · · ·	
	·			
	·		······································	
	.			
Examine	r	(Parithogh Tungaturthi / (05/17/2006) Da	te Considered	
15		/Parithosh Tungaturthi/ (05/1//2006)		
if not i	er: ini n conf	tial if reference considered, whether or not citation is in conformance with MPEP of communication to considered. Include copy of this form with next communication to	ous; draw line through cita o applicant.	tion